# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 1

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, <del>pp</del>	10,705,235	
Filing Date	November 10, 2003	
First Named Inventor	Hildeki Kuwajima	
Art Unit	2653	
Examiner Name	George J. Letscher	
Attorney Docket No.	YAO-4337US4	

	-		U.S. PATENT	OCUMENTS		
		Document Number			Pages, Columns, Lines, When	
Examiner Initials*	Cite No. <sup>1</sup>	Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
AL		US-6,046,884	04/04/2000	Crane		
Ad		US-5,856,896	01/05/1999	Berg et al.		
A.		US-6,118,637	09/12/2000	Wright et al.		
A		US-6,078,473	06/20/2000	Crane et al.		
A.		US-6,297,936	10/02/2001	Kant et al.		
1		US-6,061,208	05/09/2000	Hattori		
2		US-5,243,482	09/07/1993	Yamaguchi et al.		
A.L.		US-6,327,120	12/04/2001	Koganezawa et al.		
IL		U5-6,038,104	03/14/2000	Sato et al.		
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FOREIGN PATENT DOCUMENTS								
	í	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant			
Examiner Initials*	Cite No. <sup>3</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁵		
KF,		JP3-097174 (with English Abstract)	04/23/1991	Fujitsu, Ltd.				
XX		JP6-150596 (with English Abstract)	05/31/1994	Toshiba Corp.				

Examiner Date Signature Considered

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Applicant's unique citation designation number (optional).

See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

	Complete If Known				
AppScation Number	To Do Assignat 10 705, 235				
Filing Date	Herewith				
First Named Inventor	Hideki Kuwajima, et al.				
Art Unit	TUBE ASSIGNED 2653				
Examiner Name	Rederland Letscher				
Attorney Docket No.	YAO-4337US4				

	U.S. PATENT DOCUMENTS						
		Document Number			Pages, Columns, Lines, When		
Examiner Initials	Ote No.1	Number - Kind Code <sup>2 (If known)</sup>	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
XX		US-5,898,544	04-27-1999	Krinke, et al.			
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		FOREIGN PA	TENT DOCUMEN	15		
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Unes, Where Relevant	
Examiner Indials	Cite No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>3 (Flavor)</sup>	Publication Date (MM-DD-YYYY)	Applicant of Cited.  Document	Passages or Relevant Figures Appear	76
25		JP 5-47126	02-26-1993	Fujitsu, Ltd.	<del></del>	Ø
X	L	JP 9-265738	10-07-1997	Hitachl, Ltd.		Ø
X		JP 10-134534	05-22-1998	Hitachl, Ltd.		Ø
At		JP 10-269732	10-09-1998	NEC Corp.		Ø
#		JP 10-293979	11-04-1998	Fujitsu, Ltd., et al.		Ø
1		JP 03-152775	06-28-1991	Hitachi, Ltd.		Ø
		JP 11-031368	02-02-1999	Fujitsu, Ltd.		Ø
#L		JP 06-187624	07-08-1994	Fujitsu, Ltd.		Ø
AL		JP 07-300397	11-14-1995	Matsushita Elec. Ind. Co., Ltd.		Ø
MAR.		JP 05-325274	12-10-1993	Canon, Inc.		Ø
XX		WO 98/44488 A1	10-08-1998	Seagate Technology, Inc.		×

Examiner Signature	GERGE LETSCHER Date Considered	7/	211	05
	Considered	14	97	<u> </u>

<sup>&</sup>quot;EXAMPIER: Initial If reference considered, whether or not cluston is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next commentation to Applicant.

Applicant's unique cluston designation number (optional).

See Kind Codes of USPTO Patent Documents at <a href="https://documents.org/">https://documents.org/</a> (Post Indicates with the document, by the bro-letter code (WIPO Standard St.3).

For Japanese patent documents, the indicates of the year of the reign of the Emperor must precede the serial number of the patent document.

Sign of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Apolicant is to place a check mark here if English lampunge translation is required to obtain or retain a benefit by the public which is to file (and by the custom of Information to required by 37 CTR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an explication. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for resisting this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.O. Bex 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED PORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Bex 1450, Alexandria, VA 22313-1450.

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET 2 of 2

white and uniting	10/705,235	
Filing Date	November 10, 2003	
First Named Inventor	Hideki Kuwajima, et al.	
Art Unit	2052-2653	
Examiner Name	TOBUASIONE Letscher	
Attorney Docket No.	YAO-4337US4	

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		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
A		Australian Search Report dated October 31, 2003 (SG 200100498-5).	
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¹Applicant's unique diation designation number (optional).
²Applicant is to place a check mark here if English language translation is attached.

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through dilation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Applicant's unique dilation designation number (optional).

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

	Complete if Known	
Application Number	10/705,325	
Filing Date	November 10, 2003	
First Named Inventor	Hideki Kuwajima, et al.	
Art Unit	2002-2653	
Examiner Name	To Be Assigned Let's Char	
Attorney Docket No.	YAO-4337US4	

_			U.S. PATENT DO	DCUMENTS	
		Document Number			Pages, Columns, Lines, Where
Examiner Initials*	Ote No.1	Number - Kind Code <sup>2 (if known)</sup>	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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		FOREIGN PA	TENT DOCUMEN	TS		
Examiner Initials*	Cite	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (I <sup>T known</sup> )	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
- XJ		WO 98/19304 A1	05-07-1998	TDK Corp.	Entire Document	<del>                                     </del>
AL		WO 98/27547 A	06-25-1998	Seagate Technology, Inc.	Entire Document	Ö
H		WO 99/01901 A1	01-14-1999	Kabushiki Kaisha Tokai Rika Denki Seisakusho	Entire Document	
H		EP 591885 B1	01-28-1998	Matsushita Electric Industrial Co., Ltd.	Entire Document	
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Applicant's unique citation designation number (optional).

\*See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

\*Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

\*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

\*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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<sup>\*</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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	Substitute for Form 1449B/PTO	Complete if Known			
		Application Number	To Bo Assigned 0 705, 235		
	INFORMATION DISCLOSURE	Filing Date	Herewith		
STATEM	STATEMENT BY APPLICANT	First Named Inventor	Hideki Kuwajima, et al.		
	(Use as many sheets as necessary)	Art Unit	To Be Assigned 2653		
_		Examiner Name	To Be Assigned Letscher		
_	SHEET 2 of 2	Attorney Docket No.	YAO-4337US4		

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		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T2
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"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Substitute for Form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known							
Application Number	To Be Assigned   0   705 235						
Filing Date	Herewith						
First Named Inventor	Hideki Kuwajima, et al.						
Art Unit	To Be Assigned 2653						
Examiner Name	To Be Assigned Let Scher						
Attorney Docket No.	YAO-4337US4						

U.S. PATENT DOCUMENTS							
Examiner Initials*		Document Number			Pages, Columns, Lines, When		
	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
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Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If brown)	Publication Date (MM-DD-YYYY)	Applicant of Cited.  Document	Passages or Relevant Figures Appear	16
AB	<b>└</b>	JP 5-47126	02-26-1993	Fujitsu, Ltd.		Ø
XD.		JP 9-265738	10-07-1997	Hitachi, Ltd.		×
At,	<u> </u>	JP 10-134534	05-22-1998	Hitachi, Ltd.		Ø
-#J-	<u> </u>	JP 10-269732	10-09-1998	NEC Corp.		X
-4 m	<u> </u>	JP 10-293979	11-04-1998	Fujitsu, Ltd., et al.		X
X.		JP 03-152775	06-28-1991	Hitachi, Ltd.		Ø
		JP 11-031368	02-02-1999	Fujitsu, Ltd.		X
AZ		JP 06-187624	07-08-1994	Fujitsu, Ltd.		X
H,		JP 07-300397	11-14-1995	Matsushita Elec. Ind. Co., Ltd.		×
***		JP 05-325274	12-10-1993	Canon, Inc.		Ø
X		WO 98/44488 A1	10-08-1998	Seagate Technology, Inc.		X

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<sup>&</sup>quot;EXAMINER: Initial if reference considered, whether or not diation is in conformance with MPEP 609. Draw line through diation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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'Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

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